

PM Conformity Hot Spot Analysis – Project Summary for Interagency Consultation

RTIP ID # LA996348				
Project Description I-710 / Firestone Boulevard Interchange Improvement Phase III consists of retrofitting, rehabilitation and widening the existing Firestone Boulevard Bridge over the Rio Hondo Channel from existing of 4 lanes to 6 lanes with a raised median, and reconstruct the pavement section from the east end of the bridge to the easterly City of South Gate boundary. The proposed project complies with the City's General Plan as well the EPA conformity requirements.				
Type of Project Roadway Realignment (over existing bridge Widening)				
County Los Angeles	Narrative Location/Route & Postmiles: 07-LA-0-SGT Caltrans Projects – BRLSZD-5257(013) & EA# 07-932209			
Lead Agency: City of South Gate				
Contact Person Mahmoud Anjomshoaa	Phone# 323-563-9574	Fax# 323-563-9572	Email manjomshoaa@sogate.org	
Hot Spot Pollutant of Concern (<i>check one or both</i>) <input checked="" type="checkbox"/> PM2.5 <input type="checkbox"/> PM10				
Federal Action for which Project-Level PM Conformity is Needed (<i>check appropriate box</i>)				
Categorical Exclusion (NEPA)	EA or Draft EIS	FONSI or Final EIS	<input checked="" type="checkbox"/> PS&E or Construction	Other
Scheduled Date of Federal Action: August 28, 2006				
Current Programming Dates <i>as appropriate</i>				
	PE/Environmental	ENG	ROW	CON
Start	June 2004	June 2004	Nov. 2004	Feb. 2007
End	Feb. 2006	Feb. 2006	Feb. 2006	June 2008
Project Purpose and Need (Summary): (<i>attach additional sheets as necessary</i>) The I-710 / Firestone Blvd Interchange Improvement Phase III proposes to retrofit, rehabilitate and widen the existing Firestone Blvd Bridge over the Rio Hondo Channel as follow: <ul style="list-style-type: none"> Existing structure was determined to be seismically unsafe and requires seismic retrofit. Per bridge inspection report, the existing structure needs to be rehabilitated to seal the numerous deck cracks and repair the deck expansion joint. The exist Bridge is mid block traffic flow reducer, widening is required on both sides (North & South) of the existing bridge to have the bridge lane (4) matches with the roadway lanes (6) on both sides (East & West). This widening is not a significant capacity enchantment, but it will enhance the traffic flow and safety and reduce delay over the bridge. <p>The roadway pavement from the east of the existing Firestone Blvd Bridge to the easterly City boundary is proposed to be reconstructed to provide an uniform 2% cross slope instead of currently parabolic cross slope where the shoulder lane has a cross slope of more than 5%, which is creating unsafe driving condition.</p> <p>A continuous raised median is proposed to be constructed from the west end of the bridge to join with the raised median in the City of Downey to enhance traffic safety by preventing traffic from making illegal left turns crossing double-double yellow striped median.</p>				
Surrounding Land Use/Traffic Generators Existing land use consists of retail, commercial, entertainment, restaurant auto dealers, and storage facilities. There are not any surrounding land uses that would contribute a significant amount of heavy truck traffic.				

<p>Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility</p> <p>Opening Year “No Build” LOS = (AM-E, 0.91)(PM-F, 1.24) AADT = 44280 Heavy Truck AADT = 3.7% = 1640 Trucks</p> <p>Opening Year “No Build” Not Available due to project type</p>
<p>RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility</p> <p>Horizon “No Build” – Year 2030 LOS = (AM-F, 1.27)(PM-F, 1.72) AADT = 55,570 Heavy Truck AADT = 3.7% = 2,056 Trucks</p> <p>Horizon “Build” – Year 2030 LOS = (AM-D, 0.92) (PM-F, 1.25) AADT = 60,286 Heavy Truck AADT = 3.7 % - 2,231 Trucks</p>
<p>Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT N/A</p> <p>RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT N/A</p>
<p>Describe potential traffic redistribution effects of congestion relief (<i>impact on other facilities</i>) Traffic redistribution is not expected as a result of the project since the project is a mid-block capacity improvement. However, to account for possible redistribution, year 2030 volumes were inflated by 0.34% annually to year 2030 for the build alternative. The 0.34% annual growth represents one-half the regional annual growth anticipated for the Gateway region per the 2004 Los Angeles County Congestion Management Program (CMP)</p>
<p>Comments/Explanation/Details (<i>attach additional sheets as necessary</i>) The proposed project consists of widening Firestone Boulevard over Rio Hondo Bridge from four lanes to six lanes and a 12-foot wide median. The mid –block capacity of Firestone Boulevard will improve traffic flow and safety reduce delay.</p> <p>The project is included in the Southern California Association of Governments (SCAG) <i>2004 Regional Transportation Plan</i> (RTP). The project is also programmed within the adopted <i>2004 Regional Transportation Improvement Program</i> (RTIP) for fiscal year (FY) 2004/05-2007/08 as a State Highway Project:</p> <p>#LA996348 – WIDEN FIRESTONE BLVD BRDGE OVER THE RIO HONDO CHANNEL AND MINOR STREET WIDENING BETWEEN THE BRIDGE AND GARFIELD AVEN. PPNO 2362.</p> <p>Based upon the information provided above, the project is not expected to introduce significant amounts of diesel truck traffic and is not considered a project of significant concern per the definition contained within 40 CFR 93.123(b)(1). Note that this interchange does not serves any ports, rail yards, or other significant sources of particulate matter. Thus, a less than significant impact with respect to PM_{2.5} would occur.</p>